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(C) WPI/Derwent

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CPY - HANG-N
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IC - C07C231/02 ; C07C235/74
IN - FAN W; LIU T; TANG M
MC - B10-D03 E10-C04A
PA - (HANG-N) HANGZHOU SHOUXIN FINE CHEM CO LTD
PN - CN1297885 A 20010606 DW200155 C07C235/74 000pp
PR - CN20000128111 20001201
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XIC - C07C-231/02 ; C07C-235/74

AB - CN1297885 NOVELTY . The present invention provides the preparation process of 1,1-cyclohexyl oxalic amide, as one important intermediate for synthesizing antiepileptic Gabapentin, and the process is the reaction of 1, 1-cyclohexyl oxalic anhydride material with ammonia water or gas in solvent. The solvent is benzene, methylbenzene or dimethylbenzene in the amount of 2-10 times weight of 1,1-cyclohexyl oxalic anhydride, ammonia water or gas is in the molarity of 2.2-4 times that of 1,1-cyclohexyl oxalic anhydride, and the reaction temperature is 30-110 deg. C The technological process of the present invention is simple, high in yield and low in production cost and has a product purity over 97%.

- (Dwg.0/0)

IW - PREPARATION CYCLOHEXYL OXALIC AMIDE

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INW - FAN W; LIU T; TANG M

NC - 001

OPD - 2000-12-01

ORD - 2001-06-06

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II : Preparation of 1,1-cyclohexyl oxalic amide